



MacBook Pro 15" Unibody Mid 2009 RAM Replacement

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Warning: Risk of fire or burn if mishandled. Do not remove, disassemble, drop, or throw. Service only by an Apple Authorized Service Provider.

Avertissement : en cas de mauvaise manipulation, risque de prendre feu ou de provoquer un incendie, de tomber, écraser ou exposer à des sources inflammables ou des températures supérieures à 100°C. Service agréé Apple.

Achtung: Kann sich bei falscher Handhabung entzünden. Die Batterie darf nicht entfernt, zerlegt, Feuer geworfen oder über 100°C erhitzt werden. Wartung und Kundendienst nur durch Apple.

INTRODUCTION

Upgrade your RAM for an instant increase in speed.



TOOLS:

- [Phillips #00 Screwdriver](#) (1)



PARTS:

- [PC3-8500 2 GB RAM Chip](#) (1)
- [PC3-8500 1 GB RAM Chip](#) (1)
- [PC3-8500 4 GB RAM Chip](#) (1)

Step 1 — Lower Case



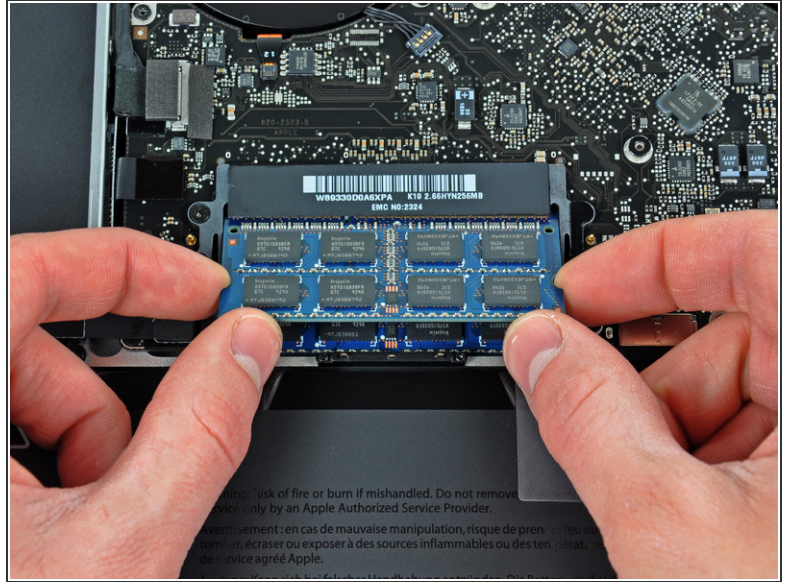
- Remove the following ten screws securing the lower case to the upper case:
 - Seven 3 mm Phillips screws.
 - Three 13.5 mm Phillips screws.

Step 2



- Using both hands, lift the lower case near the vent to pop it off two clips securing it to the upper case.
- Remove the lower case and set it aside.

Step 3 — RAM



- Release the tabs on each side of the chip by simultaneously pushing each tab away from the RAM.
- ⓘ These tabs lock the chip in place and releasing them will cause the chip to "pop" up.
- After the RAM chip has popped up, pull it straight out of its socket.
- ✦ Repeat this process if a second RAM chip is installed.

To reassemble your device, follow these instructions in reverse order.

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